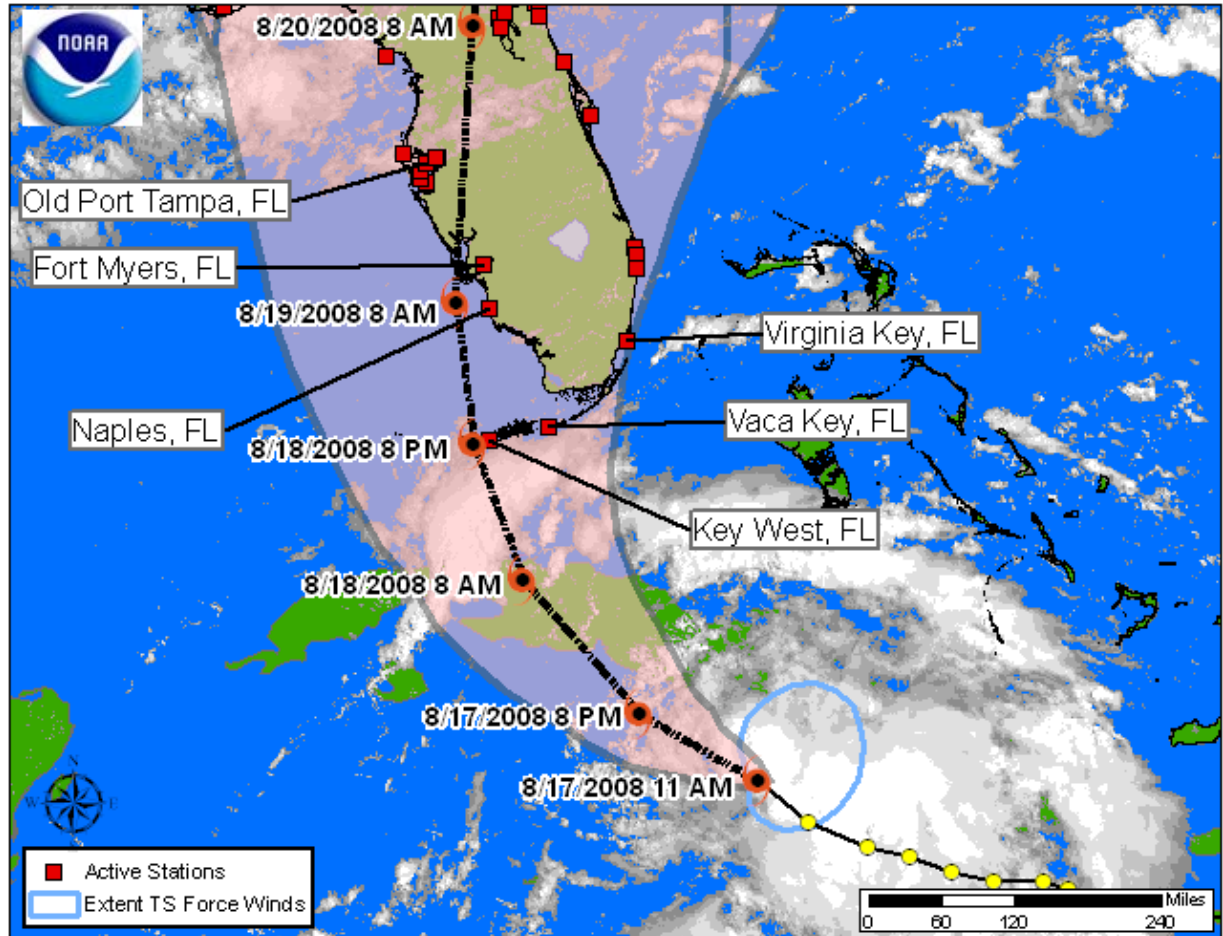




Tropical Storm FAY QuickLook
Posted: 12:00 EDT 08/17/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/17/2008, water levels along the Florida Keys and Southern Florida have begun to rise. Barometric pressure is falling across Southern Florida.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.60 ft (0.49 m) at 08/17/2008 23:33 EDT.

Vaca Key, FL: Next predicted high tide is 1.19 ft (0.36 m) at 08/17/2008 14:57 EDT.

Virginia Key, FL: Next predicted high tide is 2.37 ft (0.72 m) at 08/17/2008 22:24 EDT.

Naples, FL: Next predicted high tide is 3.33 ft (1.01 m) at 08/17/2008 13:03 EDT.

Fort Meyers, FL: Next predicted high tide is 1.72 ft (0.52 m) at 08/17/2008 16:48 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.99 ft (0.91 m) at 08/17/2008 15:21 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM FAY ADVISORY NUMBER 8
1100 AM EDT SUN AUG 17 2008**

...FAY MOVING WEST-NORTHWESTWARD SOUTH OF CUBA...NEW WARNINGS AND WATCHES IN FLORIDA...

AT 11 AM EDT THE HURRICANE WATCH ON THE WEST COAST OF FLORIDA IS EXTENDED NORTHWARD TO ANNA MARIA ISLAND. A HURRICANE WATCH IS IN NOW EFFECT FOR THE FLORIDA KEYS FROM SOUTH OF OCEAN REEF TO KEY WEST INCLUDING THE DRY TORTUGAS AND FLORIDA BAY AND ALONG THE FLORIDA MAINLAND FROM CARD SOUND BRIDGE WESTWARD TO ANNA MARIA ISLAND. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.

AT 11 AM EDT A TROPICAL STORM WARNING IN IN EFFECT FOR THE FLORIDA KEYS FROM CRAIG KEY WESTWARD TO THE DRY TORTUGAS INCLUDING FLORIDA BAY. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

A TROPICAL STORM WATCH REMAINS IN EFFECT FOR THE SOUTHEAST COAST OF FLORIDA FROM OCEAN REEF NORTHWARD TO JUPITER INLET AND FOR LAKE OKEECHOBEE. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.

INTERESTS ELSEWHERE IN THE FLORIDA PENINSULA AND THE NORTHWESTERN BAHAMAS SHOULD MONITOR THE PROGRESS OF FAY.

AT 1100 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 20.5 NORTH, LONGITUDE 78.6 WEST OR ABOUT 75 MILES SOUTHWEST OF CAMAGUEY CUBA AND ABOUT 350 MILES SOUTHEAST OF KEY WEST FLORIDA.

FAY IS MOVING TOWARD THE WEST-NORTHWEST NEAR 13 MPH. A TURN TOWARD THE NORTHWEST IS EXPECTED LATER TODAY OR TONIGHT WITH A TURN TOWARD THE NORTH EXPECTED ON MONDAY. FAY IS EXPECTED TO MOVE NEAR THE SOUTH COAST OF CUBA TODAY CROSS WESTERN CUBA OVERNIGHT TONIGHT OR MONDAY MORNING AND MOVE NEAR THE FLORIDA KEYS MONDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SOME

STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS AND FAY COULD BE APPROACHING HURRICANE STRENGTH WHEN IT REACHES WESTERN CUBA. ALTHOUGH SOME WEAKENING IS LIKELY AS FAY CROSSES CUBA, FAY IS EXPECTED TO BE NEAR HURRICANE STRENGTH AS IT APPROACHES THE FLORIDA KEYS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER. CABO CRUZ CUBA RECENTLY REPORTED A WIND GUST OF 66 MPH.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1003 MB.

TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE IN THE TROPICAL STORM WARNING AREA IN AREAS OF ONSHORE FLOW.

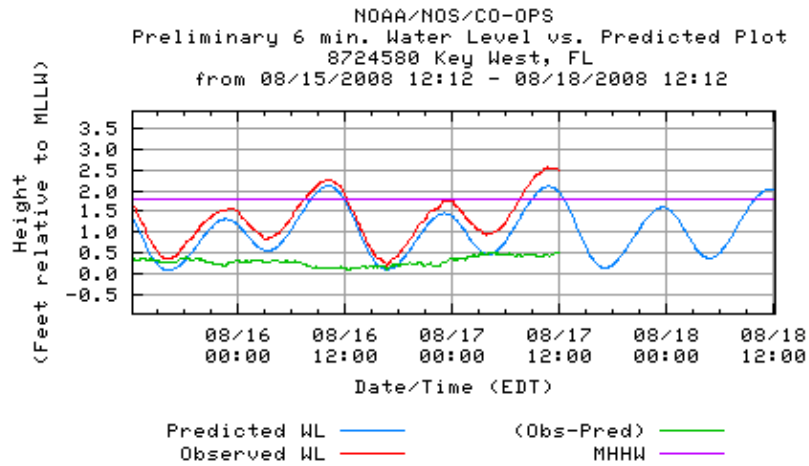
HEAVY RAIN MAY BEGIN TO AFFECT THE FLORIDA KEYS AND SOUTH FLORIDA LATER TODAY AND INTO MONDAY. RAINFALL TOTALS OF 4 TO 6 INCHES WITH MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE FOR THE FLORIDA KEYS AND SOUTH FLORIDA.

FORECASTER BEVEN/BROWN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Air/Water Temp](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Air/Water Temp](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#),

Key West, FL - Station Map [Return to List](#)

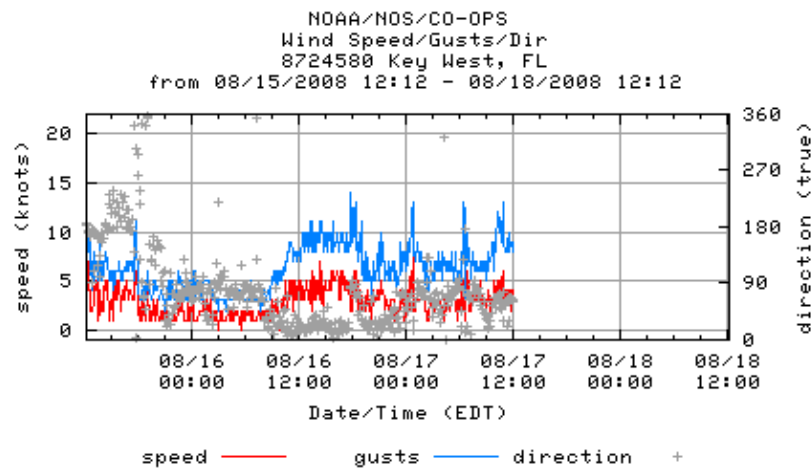


Last Observed Sample: 08/17/2008 12:00 (EDT)

Relative to **MLLW**: **Observed: 2.47 ft. Predicted: 1.96 ft. Residual: 0.51 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

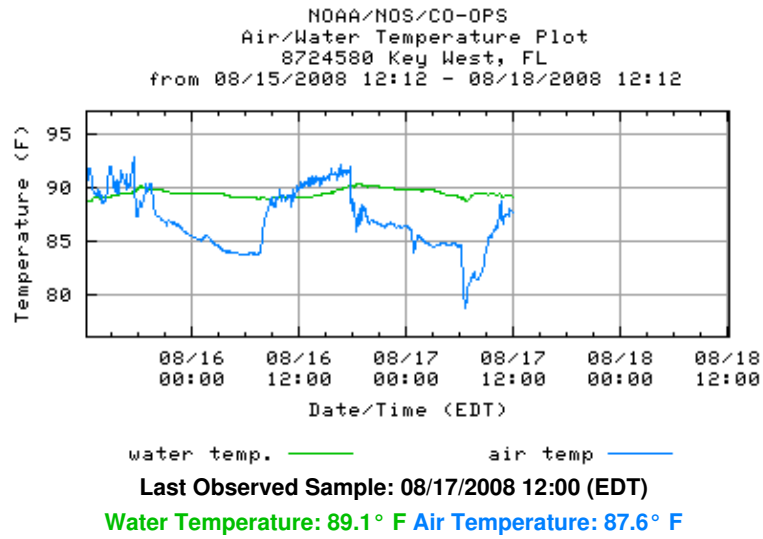
Key West, FL - Station Map [Return to List](#)



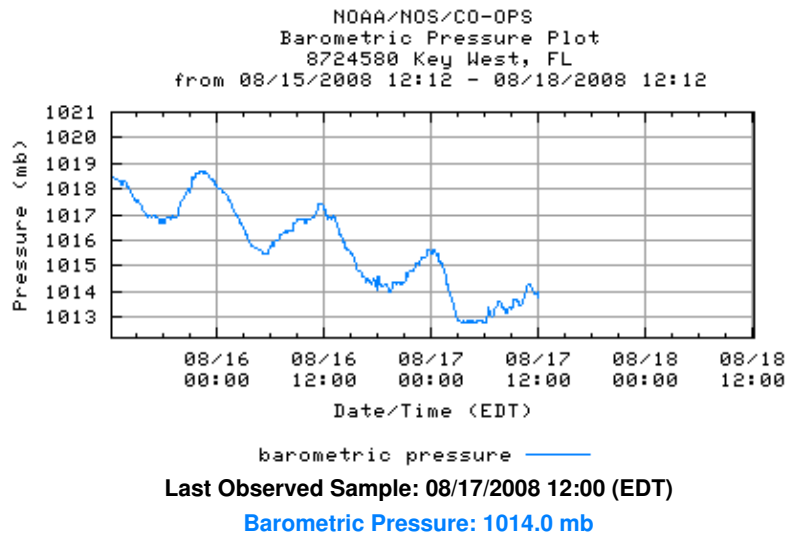
Last Observed Sample: 08/17/2008 12:00 (EDT)

Wind Speed: 3 knots Gusts: 9 knots Direction: 063° T

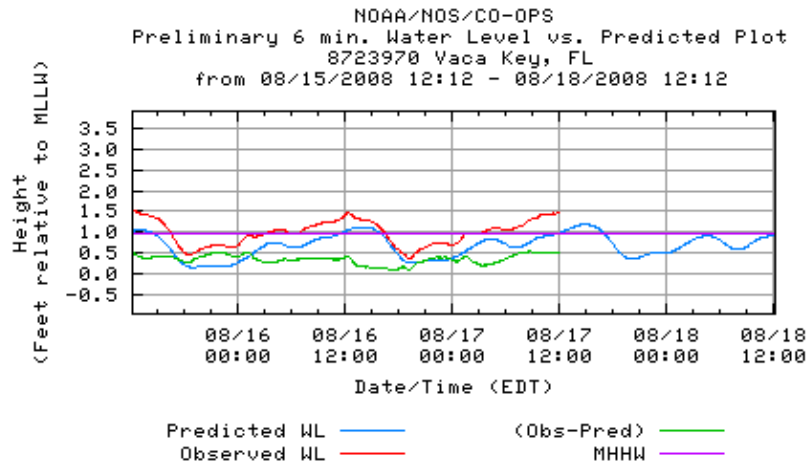
Key West, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)



Vaca Key, FL - Station Map [Return to List](#)

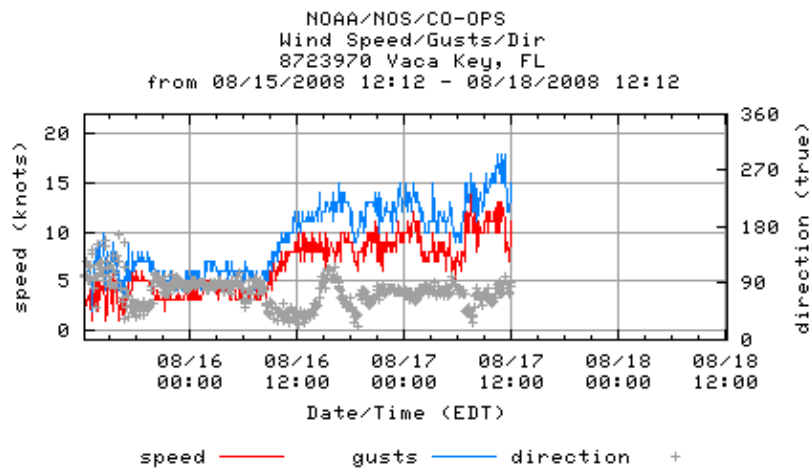


Last Observed Sample: 08/17/2008 12:00 (EDT)

Relative to **MLLW**: **Observed: 1.48 ft. Predicted: 0.98 ft. Residual: 0.50 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

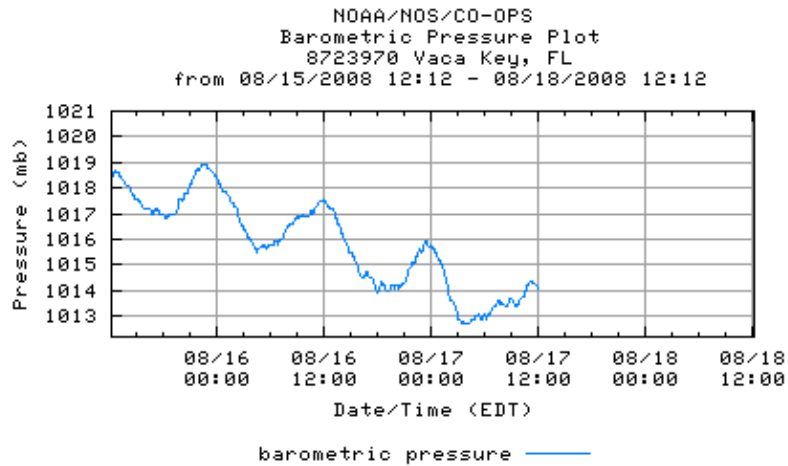
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/17/2008 12:00 (EDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 085° T

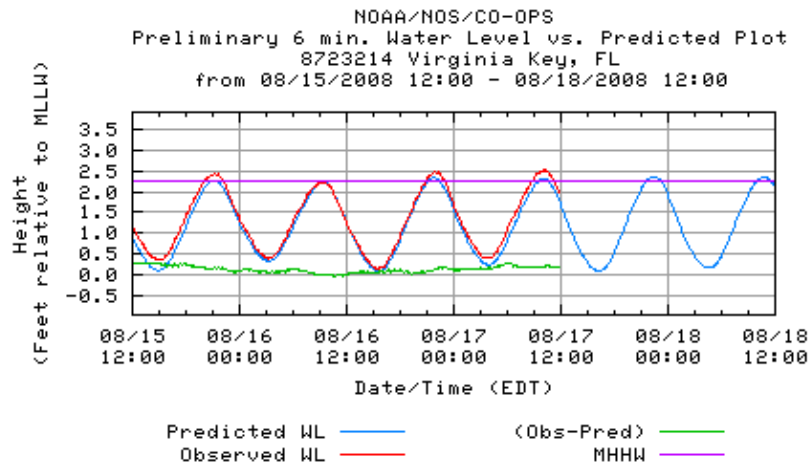
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/17/2008 12:00 (EDT)

Barometric Pressure: 1014.1 mb

Virginia Key, FL - Station Map [Return to List](#)

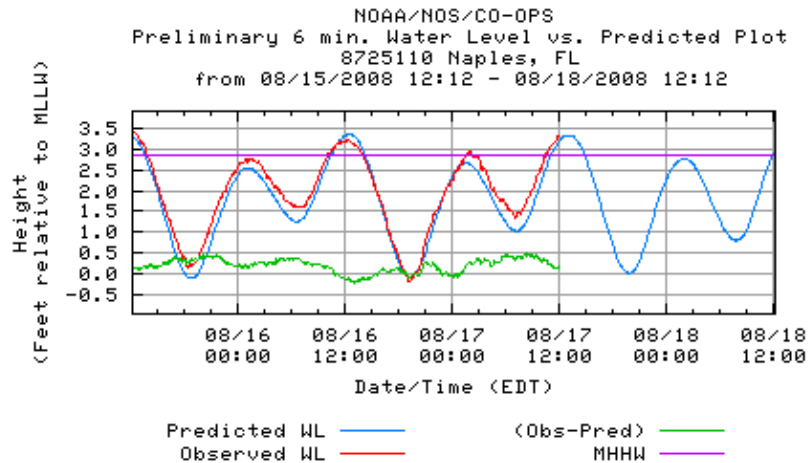


Last Observed Sample: 08/17/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 1.96 ft.** **Predicted: 1.78 ft.** **Residual: 0.18 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Naples, FL - Station Map [Return to List](#)

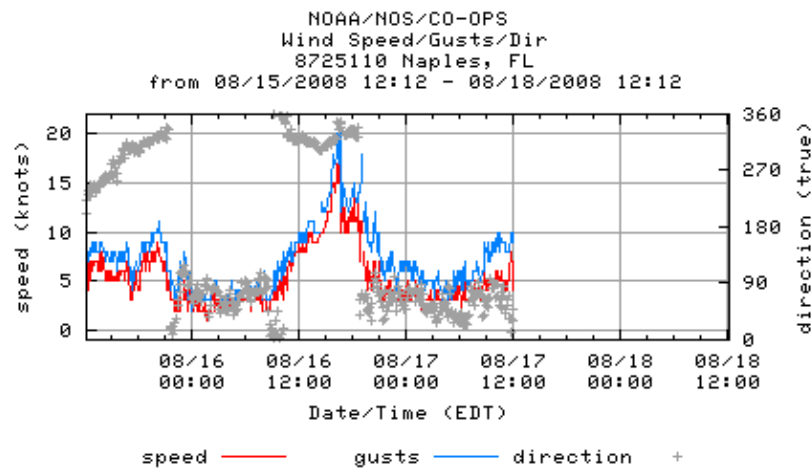


Last Observed Sample: 08/17/2008 12:00 (EDT)

Relative to **MLLW**: **Observed: 3.32 ft. Predicted: 3.19 ft. Residual: 0.13 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

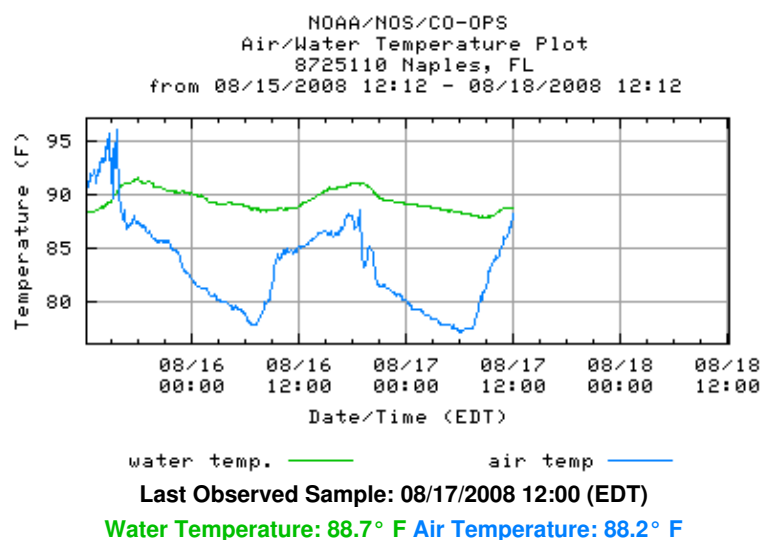
Naples, FL - Station Map [Return to List](#)



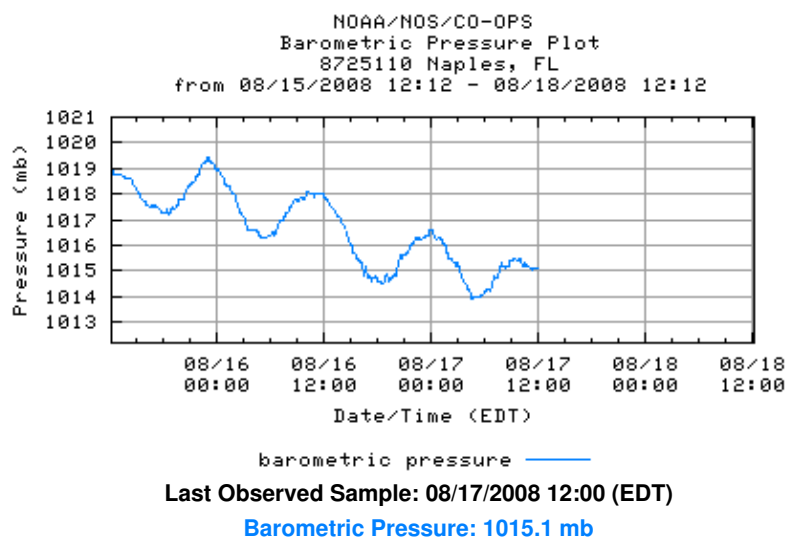
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Wind Speed: 4 knots Gusts: 9 knots Direction: 030° T

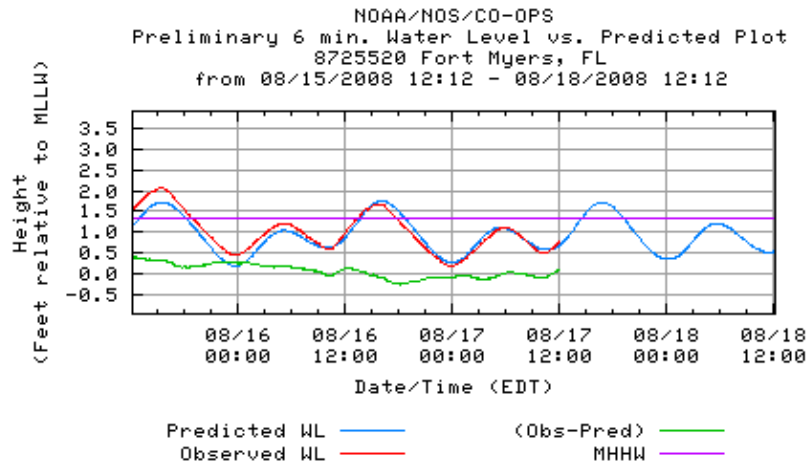
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Naples, FL - Station Map [Return to List](#)



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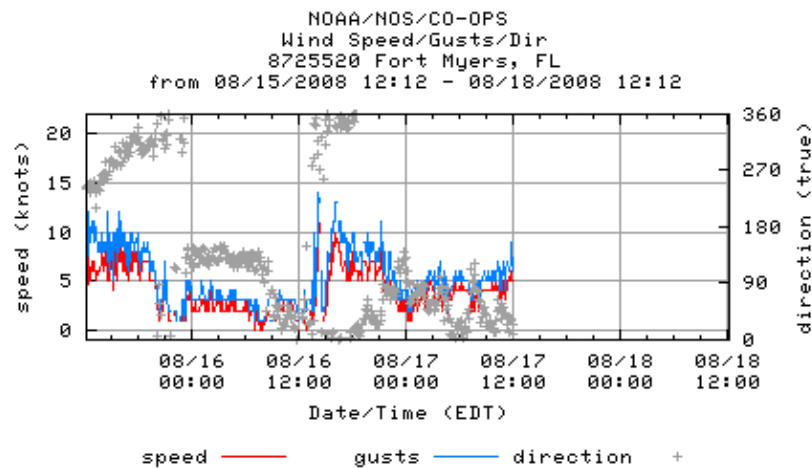


Last Observed Sample: 08/17/2008 12:00 (EDT)

Relative to **MLLW**: **Observed: 0.79 ft. Predicted: 0.68 ft. Residual: 0.11 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

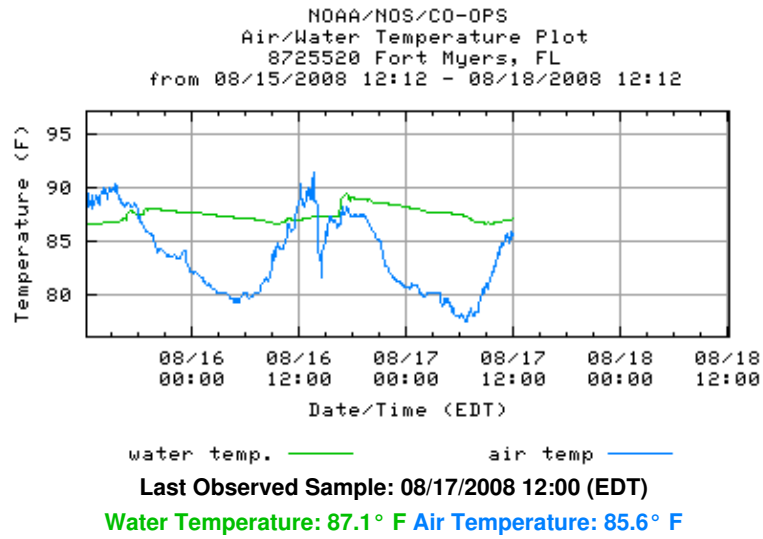
Fort Myers, FL - Station Map [Return to List](#)



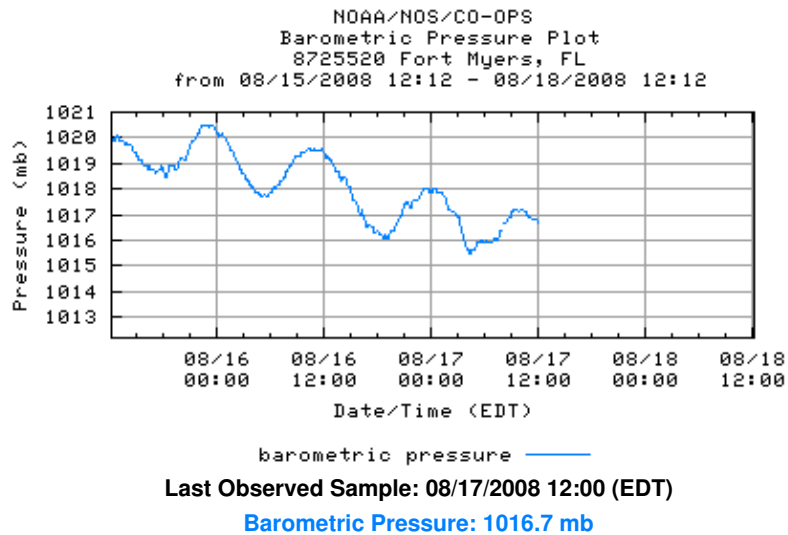
Last Observed Sample: 08/17/2008 12:00 (EDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 025° T

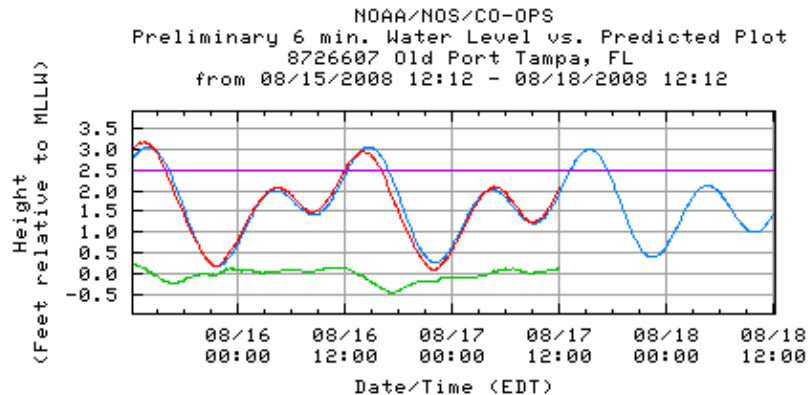
Fort Myers, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)



Old Port Tampa, FL - Station Map [Return to List](#)

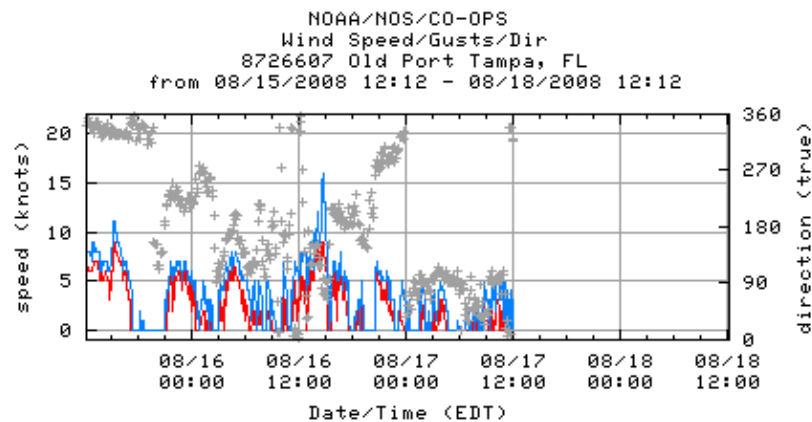


Last Observed Sample: 08/17/2008 12:00 (EDT)

Relative to **MLLW**: **Observed: 2.07 ft. Predicted: 1.94 ft. Residual: 0.13 ft.**

Historical Maximum Water Level: 10/08/1996, 3.56 ft. above **MHHW**

Old Port Tampa, FL - Station Map [Return to List](#)



Last Observed Sample: 08/17/2008 12:00 (EDT)

Wind Speed: 0 knots Gusts: 3 knots Direction: 317° T

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce